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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

**Complete if Known**

Application Number	10/780,188
Filing Date	Feb. 17, 2004
First Named Inventor	Lee, et al.
Art Unit	2819
Examiner Name	KHAI NGUYEN
Attorney Docket Number	34-002

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
KN	AA	US- 5,974,089	10-26-1999	Tripathi, et al.	
KN	AB	US- 6,577,189	06-10-2003	Jayaraman, et al.	
KN	AC	US- 6,191,653 B1	02-20-2001	Camp, Jr., et al.	
KN	AD	US- 6,373,334 B1	04-16-2002	Melanson	
KN	AE	US- 5,777,512	07-07-1998	Tripathi, et al.	
KN	AF	US- 4,843,339	06-27-1989	Burt, et al.	
KN	AG	US- 5,352,986	10-04-1994	Modgil, et al.	
KN	AO	US- 6,630,899	10-07-2003	Jayaraman	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

Nguyen Khai

Date  
Considered

6/29/05

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Sheet 2	of 2	Attorney Docket Number	34-002

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KN	AH	J. KEYZER, et al., "Digital Generation of RF Signals for Wireless Communications With Band-Pass Delta-Sigma Modulation", 2001 IEEE MTT-S Digest pages 2127-2130	
KN	AI	R. SCHREIER and M. SNELGROVE, "Bandpass Sigma-Delta Modulation", Electronic Letters, November 9, 1989, Vol. 25. No. 23, pages 1560-1561	
PN	AJ	H. BALAN, M. DECLERCQ, "12v Class-D Amplifier in 5V CMOS Technology", 1995 IEEE Cusom Integrated Circuits Conference, pgs. 559-562	
KN	AK	ENRICO DALLAGO and GABRIELE SASSONE, "Single-Cycle Quasi-Resonant Converters as Sigma-Delta Audio Power Stages", 1996 IEEE, pages 645-650	
KN	AL	M.A.E. ANDERSEN, "A New Application for Zero-Current-Switched Full-Wave Resonant Converters", 1993 The European Power Electronics Association, pgs. 83-86	
KN	AM	ION E. OPRIS and GREGORY T. A. KOVACS, "A Video bandwidth Analog Median Circuit", IEEE 1995 Custom Integrated Circuits Conference pgs. 555-558	
KN	AN	GLEN LUCKJIFF, et al., "Interpolative Sigma Delta Modulators for High Frequency Power Electronic Applications", 1995 IEEE, pages 444-449	

Examiner Signature	<i>Nguyen Khanh</i>	Date Considered	6/29/05
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KN	AA	MAURICE BELLANGER, SABRINA AZROUF, VINCENT BRUNEAU; "A Bandpass Subsampled Delta-Sigma Modulator for Narrowband Cellular Mobile Communications"; pages 353-356 <i>published date is unknown</i>	
KN	AB	WALTER J. CHUDOBIAK and DONALD F. PAGE; "Frequency and Power Limitations of Class-D Transistor Amplifiers"; IEEE Journal, vol. sc 4, No. 1, Feb 1969 pgs. 25-37	
KN	AC	ARUN JAYARAMAN, et al.; "A Linear High-Efficiency Microwave Power Amplifiers Using Bandpass Delta-Sigma Modulators"; IEEE, vol. 8, no. 3, March 1998, pgs 121-123	

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